

Substitute for FORM 1449A/PTO PTO/SB/08A (10-01) U.S. PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	Attorney Docket Number: 3869-013US6	Application Number : TBA
	First Named Inventor: Berthon-Jones	Filing Date: Herewith
	Examiner Name: Lewis, Aaron	Art Unit: 3701 3743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A.J.L.	US- 6,532,957	03.18.03	Berthon-Jones	
	US- 6,484,719	11.26.02	Berthon-Jones	
	US- 6,212,507	04.03.01	Hwang	
	US- 5,822,496	10.01.98	Lee et al.	
	US- 5,737,493	04.07.98	Viot et al.	
	US- 5,694,351	12.02.97	Chang et al.	
	US- 5,587,898	12.24.96	Palm	
	US- 5,582,182	12.10.96	Hillsman	
A.J.L.	US- 5,412,757	05.02.95	Endo	

FOREIGN PATENT DOCUMENTS

Examiner Initials	FOREIGN PATENT DOCUMENT	PUBLICATION DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS*(including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	<i>Aaron J. Lewis</i>	DATE CONSIDERED 8/28/06
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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	Examiner Name: Lewis, Aaron	Art Unit: 3701 3743

U.S. PATENT DOCUMENTS

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AJP	US- 5,316,009	05.31.94	Yamada	
	US- 5,295,229	03.15.94	Viot et al.	
	US- 5,251,124	10.05.93	Matsunaga	
	US- 5,245,895	09.14.93	Basehore	
	US- 5,012,430	04.30.91	Sakurai	
	US- 4,444,201	04.24.84	Itoh	
	US- 4,351,344	09.28.82	Stenzler	
	US- 4,393,869	07.19.83	Boyarsky et al	
AJP	US- 4,296,756	10.27.81	Dunning et al.	

FOREIGN PATENT DOCUMENTS

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(including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<i>Aaron J. Lan</i>	DATE CONSIDERED 8/28/06
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	First Named Inventor: Berthon-Jones	Filing Date: Herewith
	Examiner Name: Lewis, Aaron	Art Unit: 3701 3743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AJS	US- 4,036,221	07.19.77	Hillsman et al.	
	US- 4,031,885	06.28.77	Davis et al.	
	US- 3,923,056	12.02.75	Bingmann et al.	
	US- 3,834,381	09.10.74	Peterson	
	US- 3,792,000	04.24.73	Bell	
AJS	US- 3,612,040	10.12.71	Sugiyama	
	US-			
	US-			
	US-			

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Examiner Initials	FOREIGN PATENT DOCUMENT	PUBLICATION DATE	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS*(including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER <i>Baron J. Lam</i>	DATE CONSIDERED <i>8/28/06</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

(use as many sheets as necessary)				Examiner Name	
				LEWIS, AARON J.	
				Attorney Docket Number	
				3869/013	

[illegible]

Examiner Signature	<i>Barrett Lam</i>	Date Considered	8/28/06
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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Notice of References Cited	Applicant/Patent MICHAEL BERTHON-JON	Application/Control No.	
	Examiner AARON J. LEWIS	Art Unit 3743 378T	Page 5 of 25

U.S. PATENT DOCUMENTS

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	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Classification ²	
<i>A</i>	A 4,957,107	9/1990	SIPIN	128	204.21
	B 5,313,937	5/1994	ZDROJKOWSKI	128	202.22
	C 5,799,652	9/1998	KOTLIAR	128	205.11
	D 6,152,129	11/2000	BERTHON-JONES	128	204.23
	E 6,286,508	9/2001	REMMERS ET AL.	128	204.18
	F 6,257,234	7/2001	SUN	128	204.18
<i>A</i>	G 6,318,385	11/2001	VOGELE ET AL.	128	204.18
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	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Country	Name	Classification ²	
<i>A</i>	N EP 0 651 971 A	5/1995	EP	BERTHON-JONES		
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

	Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages
U	
V	
W	
X	

¹ A copy of this reference is not being furnished with this Office action. See MPEP § 707.05(a). ² Dates in MM-YYYY format are publication dates. ³ Classifications may be U.S. or foreign.

Aaron J. Lewis

8/28/06

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Attn. Docket	3869/013	Serial No.:	pending
Applicant		Michael Berthon-Jones	
Filing Date:	March 12, 1998	Group:	2701 3743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A.J.L.	4,499,314	02/19/85	Schebler	—	—	—
	4,870,960	10/03/89	Hradek	—	—	—
	5,293,864	03/15/94	McFadden	—	—	—
	5,701,383	03/24/98	Heta et al.	—	—	—
A.J.L.	5,730,121	03/24/98	Hawkins	—	—	—

FOREIGN PATENT OF FOREIGN PUBLISHED APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
A.J.L.	EP 0 236 350 A2	09/16/87	European	—	—		
A.J.L.	FR 2 672 221 a1	08/07/92	France	—	—		
A.J.L.	EP 0839 545 A1	05/06/98	European	—	—		

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A.J.L.	New! Breas PV 100 CPAP First Class Quality and Function. At the right Price; 07/04/98, pp 1-2
	PV 101 BI Level CPAP and PV 102 BI-Level Time; pp 1-3
	Prodigy Medical Supplies Co. Ltd.; CPAP
	Puritan Bennett; Companion 318 Nasal CPAP System; 3/93
	Nelcor Puritan Bennett; Announcing the Goodnight 314 and GoodKnight 318 Nasal CPAP Systems
	Puritan Bennett; Clean, Quiet, and Comfortable... The Companion's 515 Nasal CPAP System; 6/88
	DeVilbiss Night Guard Nasal CPAP for the Treatment of Obstructive Sleep Apnea
	Sunrise; DeVilbiss Horizon LT 8001 Nasal CPAP Therapy Small in Size, big features
	DeVilbiss; Revitalizer Soft Start; The Facts Speak for Themselves
	Tranquility; Performance CPAP Advantage
	Healthdyne International; Tranquility Plus
	Respironics Inc.; Respironics' Solo CPAP System Provides Simplified OSA Therapy at an Outstanding value; 9/19/96
A.J.L.	Respironics Inc.; The First Family of OSA Therapy; 1991
	Fisher & Paykel Healthcare; HC230 Series Nasal CPAP Blower & Heated Humidifier

OTHER DOCUMENTS

<i>R.D.L.</i>	Pierre Medical; Morphee Plus appareil de traitement des apnees du sommeil manuel d'utilisation
	Weinmann:Hamburg; Somnotron nCPAP-Great WM 2300
	Puritan Bennett; 515a Part of Our Blueprint for the Future; 03/90
	Puritan Bennett; Companion 320 I/E Bi-Level Respiratory System; 4/93
	ResMed; Sullivan VPAP II & II ST
	ResMed; The Sullivan V Family of CPAP Systems
	ResMed; The AutoSet Portable II
	ResMed; Sullivan Nasal CPAP System
	ResMed; The Sullivan IIID
	ResMed; The Sullivan Comfort
	DeVilbiss a Division of Sunrise Medical; Expand your Horizons With The Horizons
	Healthdyne Technologies; Home Health Care Dealer; The Journal of Home Medical Equipment and Services/Supplier; November and December 1997
	Healthdyne International; Tranquility Quest, The Compact CPAP for Greater patient comfort
	AirStep; Medical Products... Stand the Test of Time
	MAP Medical Progress for Physician und Patient; The Gentle Therapy for Sleep-Related Breathing Disorders
	Tasma; Ventilation CP 90
	DPAP; Breath, by breath, by breath
	Lifecare; Smallest. Quietest. Smartest.
	Lifecare; Quiet CPAP System for Maximum Compliance; 1991
	Lifecare; Software Nasal Mask, Custom Nasal Masks; 1991
	Nidek Medical; Silenzio
	Weinmann; Just to Fell Well, Sensitive Sleep Apnoea Therapy with Somnotron 3 and Somno-Mask System
	Respironics Inc.; Aria CPAP System
	Respironics Inc.; SleepEasy III A New Dawn in Patient Compliance
	Respironics Inc.; Multiple Choice REMstar Choice Nasal CPAP System
<i>R.D.L.</i>	Maxil nCPAP and Moritz II Bi-Level Brochure

EXAMINER: *Baran J. Linn* DATE CONSIDERED *8/28/06*

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Attn. Docket:	3869/013	Serial No.:	pending
Applicant: Michael Berthon-Jones			
Filing Date:		Group:	3743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A.J.P.	3,099,985	08/06/63	Wilson et al.			
	3,741,208	06/29/73	Jonsson et al.			
	3,882,847	05/13/75	Jacobs			
	3,914,994	10/28/75	Banner			
	3,995,561	12/07/76	Van Fossen			
	4,109,749	08/29/78	Sweet			
	4,320,766	03/23/82	Alihanka et al.			
	4,396,034	08/02/83	Cherniak			
	4,414,982	11/15/83	Durkan			
	4,449,525	05/22/84	White et al.			
	4,558,710	12/17/85	Eichler			
	4,579,114	04/01/86	Gray et al.			
	4,648,407	03/10/87	Sackner			
	4,677,975	07/07/87	Edgar et al.			
	4,766,894	08/30/88	Legrand et al.			
	4,773,411	09/27/88	Downs			
	4,803,471	02/07/89	Rowland			
	4,819,629	04/11/89	Jonson			
	4,825,802	05/02/89	Le Sec			
	4,856,506	08/15/89	Jinotti			
	4,860,766	08/29/89	Sackner			
	4,938,210	07/03/90	Shene			
	4,938,212	07/03/90	Gnook et al.			
	4,972,842	11/27/90	Korten et al.			
	4,986,269	01/22/91	Hakkinen			
	5,063,922	11/12/91	Hakkinen			
	5,107,831	04/28/92	Halpern et al.			
	5,165,397	11/24/92	Arp			
	5,174,287	12/29/92	Kallok et al.			
	5,178,138	01/12/93	Walstrom et al.			
	5,230,330	07/27/93	Price			
	5,231,983	08/03/93	Matson et al.			
	5,280,784	01/25/94	Kehler			

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A.J.L.	5,322,057	06/21/94	Raabe et al.	—	—	
	5,388,571	02/14/95	Roberts et al.	—	—	
	5,398,673	03/21/95	Lambert	—	—	
	5,404,371	04/11/95	Goodman et al.	—	—	
	5,479,920	01/02/96	Piper et al.	—	—	
	5,509,404	04/23/96	Lloyd et al.	—	—	
	5,526,805	06/18/96	Lutz et al.	—	—	
	5,567,127	10/22/96	Wentz	—	—	
	5,608,647	03/04/97	Rubsamen et al.	—	—	
	5,642,730	07/01/97	Baran	—	—	
	5,655,520	08/12/97	Howe et al.	—	—	
	5,685,296	11/11/97	Zdrojkowski et al.	—	—	
	5,752,509	05/19/98	Lachmann et al.	—	—	
	5,794,615	08/18/98	Estes	—	—	
	5,797,852	08/25/98	Karakasoglu et al.	—	—	
	5,803,066	09/08/98	Rapoport et al.	—	—	
	5,813,399	09/29/98	Isaza et al.	—	—	
A.J.L.	5,823,187	10/20/98	Estes et al.	—	—	
	5,845,636	12/08/98	Gruenke et al.	—	—	

FOREIGN PATENT OF FOREIGN PUBLISHED APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
A.J.L.	EP 0 062 166 A2	10/13/82	European	—	—		
	WO 82/03326	10/14/82	PCT	—	—		
	EP 0 066 451 A1	12/08/82	European	—	—		
	DE 34 02 603 A1	08/01/85	Germany	—	—		
	JP 60-212607	10/24/85	Japan	—	—		
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	EP 0 185 980	07/02/86	European	—	—		
	EP 0 372 643 A2	03/10/88	European	—	—		
	JP 2-173397	12/23/88	Japan	—	—		
	WO 89/10768	11/18/89	PCT	—	—		
	EP 0 388 525 A1	09/26/90	European	—	—		
	SU 1710064 A1	02/07/92	Sweden	—	—		
	EP 0 481 459 A1	04/22/92	European	—	—		
A.J.L.	SE 467041 B	05/13/92	Sweden	—	—		
	FR 2682042 A1	04/09/93	France	—	—		

FOREIGN PATENT OF FOREIGN PUBLISHED APPLICATION

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							YES	NO
A.J.L.		GB 2 271 811 A	04/27/94	Great Britain	—	—		
		AU B 79174/94	06/08/95	Australia	—	—		
		EP 0 839 545 A1	05/06/98	European	—	—		
		WO 98/35715	08/20/98	PCT	—	—		
		WO 98/36245	08/20/98	PCT	—	—		
		WO 98/36338	08/20/98	PCT	—	—		
		WO 98/47554	10/29/98	PCT	—	—		
A.J.L.		WO 98/52467	11/26/98	PCT	—	—		
		WO 98/57691	12/23/98	PCT	—	—		

OTHER DOCUMENTS

EXAMINER:

Aaren J. Linn

DATE CONSIDERED

8/28/06

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FORM PTO-1449 US DEPARTMENT OF COMMERCE
(modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 5

Attn. Docket:	3869/013	Serial No.:	pending
Applicant:			
Michael Berthon-Jones			
Filing Date:		Group:	3761 3743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
a.j.l.	3,191,596	08/29/65	Bird, et al.	—	—	
	3,257,935	08/23/66	Andreasen, et al.	—	—	
	3,362,404	01/09/68	Seasley	—	—	
	3,485,243	12/23/69	Bird, et al.	—	—	
	3,669,108	06/13/72	Sundblom, et al.	—	—	
	3,741,208	06/26/73	Jonsson, et al.	—	—	
	3,834,383	09/10/74	Weigl, et al.	—	—	
	3,340,006	10/08/74	Buck, et al.	—	—	
	3,859,995	01/14/75	Colston	—	—	
	3,863,830	02/04/75	Cavallo	—	—	
	3,896,800	07/29/75	Cibulka	—	—	
	3,903,875	09/09/75	Hughes	—	—	
	3,961,627	06/08/76	Ernst, et al.	—	—	
	3,972,327	08/03/76	Ernst, et al.	—	—	
	3,985,467	10/12/76	Lefferson	—	—	
	4,031,385	06/23/77	Davis, et al.	—	—	
	4,038,221	07/19/77	Hillsman, et al.	—	—	
	4,050,458	09/27/77	Friend	—	—	
	4,082,093	04/04/78	Fry, et al.	—	—	
	4,207,884	08/17/80	Isaacson	—	—	
	4,231,365	11/04/80	Scarberry	—	—	
	4,239,039	12/16/80	Thompson	—	—	
	4,249,527	02/10/81	Ko et al.	—	—	
	4,262,667	04/21/81	Grant	—	—	
	4,281,651	08/04/81	Cox	—	—	
	4,323,064	04/06/82	Hoenig, et al.	—	—	
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a.j.l.	4,421,112	12/20/83	Gedeon, et al.	—	—	
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a. J. L.	4,448,053	05/15/84	Jaffe, et al.	9	—	
	4,457,303	07/03/84	Durkan	—	—	
	4,501,273	02/25/85	McGinnis	—	—	
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	4,552,141	11/12/85	Torri	—	—	
	4,559,940	12/24/85	McGinnis	—	—	
	4,567,888	02/04/86	Robert, et al.	—	—	
	4,576,179	03/18/86	Manus, et al.	—	—	
	4,579,115	04/01/86	Wallroth, et al.	—	—	
	4,584,996	04/29/86	Blum	—	—	
	4,592,349	06/03/86	Bird	—	—	
	4,612,928	09/23/86	Tiep, et al.	—	—	
	4,635,631	01/13/87	Izumi	—	—	
	4,637,385	01/20/87	Rusx	—	—	
	4,637,386	01/20/87	Baum	—	—	
	4,660,555	04/28/87	Payton	—	—	
	4,667,669	05/26/87	Pasternack	—	—	
	4,688,975	08/18/87	Nalmon, et al.	—	—	
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	4,776,333	10/11/88	Miyamae	—	—	
	4,795,314	01/03/89	Prybella, et al.	—	—	
	4,807,516	02/28/89	Adahan	—	—	
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	4,823,788	04/25/89	Smith, et al.	—	—	
	4,827,922	05/09/89	Champaign, et al.	—	—	
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	4,338,257	06/13/89	Hatch	—	—	
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U.S. PATENT DOCUMENTS (Continued)

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A.J.R.	4,387,507	12/19/89	Beatty	—	—	
	4,915,103	04/10/90	Visveshwara, et al.	—	—	
	4,938,212	07/03/90	Snook, et al.	—	—	
	4,941,469	07/17/90	Adahan	—	—	
	4,971,050	11/20/90	Bartos	—	—	
	4,989,399	02/05/91	Carter	—	—	
	5,002,050	03/26/91	McGinnis	—	—	
	5,042,470	08/27/91	Kanesaka	—	—	
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	5,273,031	12/28/93	Olsson, et al.	—	—	
	5,295,491	03/22/94	Gevins	—	—	
	5,303,700	04/19/94	Weismann, et al.	—	—	
	5,327,399	07/12/94	Harris, et al.	—	—	
	5,413,111	05/09/95	Wilkinson	—	—	
	5,540,220	01/30/96	Gropper, et al.	—	—	
	5,507,282	04/16/96	Younes	—	—	
	5,513,531	05/07/96	McWilliams	—	—	
	5,540,222	07/30/96	Younes	—	—	
	5,546,934	08/20/96	Kalgler, et al.	—	—	
	5,603,315	02/18/97	Sasso, Jr.	—	—	
	5,617,946	04/08/97	Graetz et al.	—	—	
	5,645,053	07/08/97	Remmers et al.	—	—	
	5,647,351	07/15/97	Wesimann, et al.	—	—	
A.J.R.	5,682,378	11/04/97	Ogden	—	—	
	5,594,923	12/09/97	Here et al.	—	—	

U.S. PATENT DOCUMENTS (Continued)

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>A.J.L.</i>	5,704,345	01/08/98	Berthon-Jones	—	—	
<i>A.J.L.</i>	5,715,312	02/10/98	Deighan et al.	—	—	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>A.J.L.</i>	SU 1,432,572	04/21/78	Switzerland	—	—		
	GB 1 583 273	01/21/81	Great Britain	—	—		
	GB 2054387	02/18/81	Great Britain	—	—		
	GB 207 444 A	12/16/81	Great Britain	—	—		
	GB 2 097 272 A	11/03/82	Great Britain	—	—		
	EP 93503	11/09/83	European	—	—		
	DE 3429345 A1	06/13/85	Germany	—	—		
	FR 2 596 279	03/27/86	France	—	—		
	EP 200737 B1	11/12/86	European	—	—		
	EP 274996	07/20/88	European	—	—		
	WO 89/05869	06/29/89	PCT	—	—		
	WO 89/09665	10/19/89	PCT	—	—		
	EP 347015 B1	12/20/89	European	—	—		
	WO 90/09146	08/23/90	PCT	—	—		
	AU-A-59270/90	12/18/90	Australia	—	—		
	AU-A-76019/91	01/02/92	Australia	—	—		
	EP 549 299 A2	06/30/93	European	—	—		
	EP 606 687 A2	07/20/94	European	—	—		
	AU-A-52628/93	07/21/94	Australia	—	—		
	EP 0 705 615 A1	09/08/94	European	—	—		
	WO 94/22517	10/13/94	PCT	—	—		
	FR 2 733 688	05/05/95	France	—	—		
	EP 0651971 A1	05/10/95	European	—	—		
	WO 95/34917	12/21/95	PCT	—	—		
<i>A.J.L.</i>	WO 96/16638	06/06/96	PCT	—	—		
	AU-A-39130/95	06/13/96	Australia	—	—		

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION (Continued)

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>AJZ</i>	WO 96/39218	12/12/96	PCT	—	—		
	WO 96/40338	12/19/96	PCT	—	—		
	WO 96/40338	12/19/96	PCT	—	—		
	WO 97/06844	02/27/97	PCT	—	—		
	WO 97/09090	03/13/97	PCT	—	—		
	EP 0 774 289 A1	05/21/97	Europe	—	—		
	WO 97/28838	08/14/97	PCT	—	—		
	WO 97/41812	11/13/97	PCT	—	—		
<i>AJZ</i>	EP 0811394	12/10/97	European	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

<i>AJZ</i>	Textbook Fuzzy sets and fuzzy logic, theory and application by George J. Klir and Bo Yuan, Prentice Hall PTR, pp. 1-5, 11-14, 236-237, 327-338, 1995.
<i>AJZ</i>	Textbook Fuzzy Logic, by Daniel McNeill and Paul Freiberger, Simon & Schuster, pp. 102-117.

EXAMINER

Darren J. Lee

DATE CONSIDERED

8/28/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Website by Mark Kantrowitz et al., Carnegie Mellon, School of Computer Science at <http://www-2.cs.cmu.edu/afs/cs.cmu.edu/project/ai-repository/ai/html/faqs/ai/fuzzy/part1/faq-doc-2.html>, dated 21-APR-1993.

FORM PTO-1449 US DEPARTMENT OF COMMERCE
(modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 2

Attn: Docket

3869/013

Serial No.:

pending

Applicant:

Michael Berthon-Jones

Filing Date:

Group:

~~3761~~ 3743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ABJ</i>	3,502,100	03/24/70	Jonson			
	3,726,270	04/10/73	Grims et al			
	3,741,208	06/26/73	Jonsson et al.			
	4,119,096	10/10/78	Draws			
	4,206,754	06/10/80	Cox et al.			
	4,312,235	01/26/82	Daigle			
	4,481,944	11/13/84	Dunnell			
	4,519,399	5/28/85	Mon			
	4,592,380	06/03/86	Murakami			
	4,747,403	05/31/88	Gluck et al.			
	4,773,411	09/27/88	Downs			
	4,802,485	02/07/89	Dowers et al			
	4,928,684	05/29/90	Dreitenreider et al.			
	4,957,107	09/18/90	Sipin			
	4,989,599	02/05/91	Carter			
	5,046,391	9/10/91	Demicx			
	5,048,515	09/17/91	Sanso			
	5,063,938	11/12/91	deck et al			
	5,099,337	03/31/92	Russei Sr. et al.			
	5,107,830	04/28/92	Younes			
	5,107,831	04/28/92	Halpern et al			
	5,129,390	07/14/92	Chopin et al.			
	5,148,302	09/22/92	Sanders et al.			
	5,165,398	11/24/92	Bird			
	5,203,343	04/20/93	Axe et al.			
	5,239,394	08/31/93	Atkins			
	5,239,995	08/31/93	Estes et al.			
	5,245,395	09/21/93	Sullivan et al.			
	5,303,700	04/19/94	Weismann et al			
	5,311,375	05/17/94	Stasz			
	5,355,536	08/09/94	Scwe et al.			
	5,303,398	08/19/94	Idola et al			
<i>ABJ</i>	5,375,342	12/22/94	Olsson et al.			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>A.J.L.</i>	5,400,777	03/28/95	Olsson et al.	—	—	
	5,443,081	08/22/95	Champaign et al.	—	—	
	5,358,137	10/17/95	Axe et al.	—	—	
	5,509,414	04/23/96	HOK	—	—	
	5,535,739	07/16/96	Rapoport et al.	—	—	
	5,546,933	08/20/96	Rapoport et al.	—	—	
<i>A.J.L.</i>	5,633,552	05/27/97	Lee et al.	—	—	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>A.J.L.</i>	4-70516	03/05/92	Japan	—	—		
<i>A.J.L.</i>	WO 93/08857	05/13/93	PCT	—	—		
<i>A.J.L.</i>	WO 93/09834	05/27/93	PCT	—	—		
<i>A.J.L.</i>	WO 93/21982	11/11/93	PCT	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

EXAMINER

Aaron J. Lem

DATE CONSIDERED

8/28/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Attn. Docket:	3869/013	Serial No.:	pending
Applicant:		Michael Berthon-Jones	
Filing Date:		Group:	3764 3743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>A.J.R.</i>	2,904,033	09/15/59	Shane			
	3,559,528	02/02/71	Porter			
	3,595,229	07/27/71	Simon, et al.			
	3,811,301	10/12/71	Paine, et al.			
	3,802,417	04/09/74	Lang			
	3,932,054	01/13/76	McKelvey			
	3,989,037	11/02/76	Franetzki			
	4,008,534	02/08/77	Billette, et al.			
	4,083,245	04/11/78	Osborn			
	4,312,235	01/25/82	Daigle			
	4,322,594	03/30/82	Brisson			
	4,331,788	05/03/83	Douglas			
	4,433,693	02/23/84	Hochstein			
	4,550,515	11/05/85	Grant			
	4,550,728	11/05/85	McEwen			
	4,570,531	02/18/86	Durkan			
	4,580,575	04/08/86	Bimbaum, et al.			
	4,595,016	06/17/86	Fertig, et al.			
	4,502,544	07/29/86	DiBenedetto, et al.			
	4,648,396	03/10/87	Raerner			
	4,655,213	04/07/87	Rapoport et al.			
	4,686,974	08/18/87	Sato et al.			
	4,738,266	04/19/88	Thatcher			
	4,777,363	10/19/88	McKenna			
	4,802,485	02/07/89	Bowers, et al.			
	4,838,258	06/13/89	Dryden, et al.			
	4,844,083	07/04/89	Gattinoni			
	4,913,401	04/03/90	Handke			
	4,938,212	07/03/90	Snook, et al.			
	4,944,310	07/31/90	Sullivan			
	4,960,118	10/02/90	Pennock			
	4,971,065	11/20/90	Pearce			
	4,982,738	01/08/91	Griebel			
<i>A.J.R.</i>	5,009,525	04/23/91	Scarberry			
	5,024,219	06/12/91	Diez			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A. J. L.	5,052,400	10/01/91	Dietz			
	5,085,756	11/19/91	Rapoport			
	5,069,222	12/03/91	McDonald, Jr.			
	5,090,248	02/25/92	Cimmino, Et al.			
	5,117,319	06/02/92	Servidio et al.			
	5,124,995	08/04/92	Gruenke et al.			
	5,148,302	09/22/92	Sanders et al.			
	5,161,541	11/10/92	Bowman, et al.			
	5,161,525	11/10/92	Kimm et al.			
	5,170,798	12/15/92	Riker			
	5,190,048	03/02/93	Wilkinson			
	5,195,529	03/23/93	Hok			
	5,199,424	04/06/93	Sullivan, et al.			
	5,203,343	04/20/93	Axe, et al.			
	5,231,979	08/03/93	Rose et al.			
	5,239,995	08/31/93	Estes, et al.			
	5,245,396	09/21/93	Sullivan, et al.			
	5,259,375	11/09/93	Gruenke, et al.			
	5,271,391	12/21/93	Graves			
	5,311,875	05/17/94	Stasz			
	5,313,937	05/24/94	Zdrojowski			
	5,335,654	08/09/94	Rapoport			
	5,343,373	09/06/94	Scarberry et al.			
	5,363,788	10/11/94	Miles			
	5,360,008	11/01/94	Campbell, Jr.			
	5,394,382	03/07/95	Mawhinney			
	5,433,193	07/18/95	Sanders et al.			
	5,443,061	08/22/95	Champaign et al.			
	5,458,137	10/17/95	Axe, et al.			
	5,479,939	01/02/96	Ogino			
	5,483,969	01/16/96	Testerman, et al.			
	5,490,502	02/13/96	Rapoport, et al.			
	5,492,113	02/20/96	Estes et al.			
	5,503,146	04/02/96	Froehlich, et al.			
	5,507,282	04/16/96	Younes			
	5,513,631	05/07/96	McWilliams			
	5,517,983	05/21/96	Deighan et al.			
	5,522,382	06/04/96	Sullivan et al.			
	5,525,753	07/16/96	Estes, et al.			
	Re. 35,295	07/16/96	Estes, et al.			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A.J.P.	5,535,739	07/16/96	Rapoport et al.	—	—	
	5,537,997	07/22/96	Mechlenburg et al.	—	—	
	5,540,219	07/30/96	Mechlenburg, et al.	—	—	
	5,540,733	07/30/96	Testerman, et al.	—	—	
	5,546,933	08/20/96	Rapoport, et al.	—	—	
	5,546,952	08/20/96	Erickson	—	—	
	5,549,955	08/27/96	Erickson	—	—	
	5,551,418	09/03/96	Estes et al.	—	—	
	5,551,419	09/03/96	Froehlich et al.	—	—	
	5,558,099	09/24/96	Bowman, et al.	—	—	
	Re. 35,339	10/01/96	Rapoport	—	—	
	5,588,439	12/31/96	Hollub	—	—	
	5,598,338	02/04/97	Servidio et al.	—	—	
	5,605,151	02/25/97	Lynn	—	—	
	5,632,269	05/27/97	Zdrojowski	—	—	
A.J.P.	5,845,064	07/08/97	Cotner et al.	—	—	
	5,855,522	08/12/97	Mechlenburg et al.	—	—	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
A.J.P.	AU-A-62221/90	03/28/91	Australia	—	—		
	AU-A-33877/93	04/22/93	Australia	—	—		
	AU-A-52628/93	12/01/93	Australia	—	—		
	AU-A-38508/93	07/20/93	Australia	—	—		
	AU-A-48748/93	09/12/93	Australia	—	—		
	AU-A-34471/95	02/22/96	Australia	—	—		
	AU-A-40711-95	04/18/96	Australia	—	—		
	EP 0 068 461 A1	12/08/82	Europe	—	—		
	EP-164-500 A	03/09/85	Europe	—	—		
	EP 0 171 321 A1	02/12/86	Europe	—	—		
	EP 0 425 092 A1	09/22/89	Europe	—	—		
	EP 0 452 001 A2	03/30/90	Europe	—	—		
	EP 0 461 281 A1	12/18/91	Europe	—	—		
	EP 0 656 216 A2	06/07/95	Europe	—	—		
	EP 0 681 071 A1	07/05/95	Europe	—	—		
A.J.P.	EP 0 709 107 A1	05/01/96	Europe	—	—		
	EP 0 714 570 A2	06/05/96	Europe	—	—		
	EP 0 765 521 A2	04/02/97	Europe	—	—		

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
APL	EP 0 788 805 A2	08/13/97	Europe				
	FR 2582042-A1	04/09/93	France				
	DE 3345067 A1	06/20/84	Germany				
	DE 296 12 119 U1	12/12/96	Germany				
	DE 195 36 632 A1	03/27/97	Germany				
	GB 2 147 906 A	05/15/85	Great Britain				
	GB 2 166 371 A	05/14/86	Great Britain				
	GB 2 221 302 A	01/31/90	Great Britain				
	GB 2 294 400 A	06/01/96	Great Britain				
	JP 06249741 A	09/09/94	Japan				
	JP 5-249742 A	09/09/94	Japan				
	JP 3019610 A	01/23/96	Japan				
	WO 32/03548	10/28/82	PCT				
	WO 86/05965	10/23/86	PCT				
	WO 87/02577	05/07/87	PCT				
	WO 88/10108	12/29/88	PCT				
	WO 90/14121	11/29/90	PCT				
	WO 91/12051	08/22/91	PCT				
	WO 92/11054	07/09/92	PCT				
	WO 92/22244	12/23/92	PCT				
	WO 93/08857	05/12/93	PCT				
	WO 93/09834	05/27/93	PCT				
	WO 93/21982	11/11/93	PCT				
	WO 93/24169	12/09/93	PCT				
	WO 94/04071	03/03/94	PCT				
	WO 94/20018	09/15/94	PCT				
	WO 94/23780	10/27/94	PCT				
	WO 95/32016	11/30/95	PCT				
	WO 96/32055	10/17/96	PCT				
	WO 96/36279	11/21/96	PCT				
	WO 96/40337	12/19/96	PCT				
	WO 96/41571	12/27/96	PCT				
	WO 97/02064	01/23/97	PCT				
	WO 97/06824	02/20/97	PCT				
	WO 97/10019	02/20/97	PCT				
	WO 97/10868	03/27/97	PCT				
	WO 97/14254	04/24/97	PCT				
	WO 97/15345	05/01/97	PCT				
APL	WO 97/18752	05/29/97	PCT				
	WO 97/25499	06/12/97	PCT				

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>Handwritten initials</i>		WO 97/22377	06/26/97	PCT	—	—		
		SE 467041-8	03/18/92	Sweden	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Haroon J. Lian

DATE CONSIDERED

8/28/06

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 US DEPARTMENT OF COMMERCE
(modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 3

Attn. Docket:	3869/013	Serial No.:	pending
Applicant:		Michael Berthon-Jones	
Filing Date:		Group:	3761 3743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE -IF APPROPRIATE
A.J.L.	950,816	03/01/10	Eriksson et al.			
	3,783,393	01/08/74	Davison			
	3,817,246	06/18/74	Weigl			
	3,903,375	09/09/75	Hughes			
	3,932,054	01/13/76	McKelvey			
	3,985,467	10/12/76	Lafferson			
	3,992,598	11/16/76	Welsh et al.			
	4,301,333	11/24/81	Donald, III			
	4,387,722	06/14/83	Kearns			
	4,448,053	05/15/84	Jaffe et al.			
	4,530,334	07/23/85	Pagdin			
	4,630,614	12/23/86	Atlas			
	4,686,999	08/18/87	Snyder et al.			
	4,795,314	01/03/89	Prybella et al.			
	4,823,788	04/25/89	Smith et al.			
	4,827,922	05/09/89	Champain et al.			
	4,838,258	06/13/89	Dryden et al.			
	4,915,103	04/10/90	Visveshwara et al.			
	4,938,212	07/03/90	Snook et al.			
	4,957,107	09/18/90	Sipin			
A.J.L.	5,105,354	04/14/92	Nishimura			
	5,134,995	08/04/92	Gruenke et al.			
	5,183,983	02/02/93	Knop			
	5,305,787	04/26/94	Thygesen			
	5,438,980	08/08/95	Phillips			
	5,443,075	08/22/95	Holscher			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A.J.L.	5,448,996	09/12/95	Bellin et al.	—	—	
	5,540,220	07/30/96	Gropper	—	—	
	5,549,106	08/27/96	Gruenke et al.	—	—	
	5,570,682	11/05/96	Johnson	—	—	
	5,630,411	05/20/97	Holscher	—	—	
	5,660,171	08/26/97	Kimm et al.	—	—	
	5,666,946	09/16/97	Langenback	—	—	
A.J.L.	5,701,383	12/30/97	Hete et al.	—	—	
	5,740,795	04/21/98	Brydon	—	—	

FOREIGN PATENT OF FOREIGN PUBLISHED APPLICATION

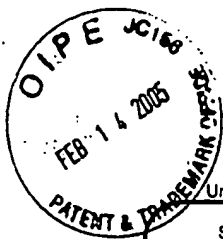
	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
A.J.L.	459,104	04/26/28	Germany	—	—		
	1,432,572	04/22/76	London	—	—		
	GB 1 444 053	07/28/76	Great Britain	—	—		
	JP 54-104369	08/16/79	Japan	—	—		
	WO 80/01044	05/29/80	PCT	—	—		
	DE 3015279 A1	10/29/81	Germany	—	—		
	WO 82/03326	10/14/82	PCT	—	—		
	EP 0 066 451 A1	12/08/82	European	—	—		
	B1 0 088 761	09/21/83	European	—	—		
	EP 0 164 500 A2	03/09/85	European	—	—		
	GB 2 164 569 A	03/26/86	Great Britain	—	—		
	FR 2 574 657 A1	06/20/86	France	—	—		
	WO 86/06969	12/04/86	PCT	—	—		
	DE 3537507 A1	04/23/87	Germany	—	—		
	JP 62-103297	04/28/87	Japan	—	—		
A.J.L.	DE 3539073 A1	05/14/87	Germany	—	—		
	JP 63-275352	11/14/88	Japan	—	—		
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FOREIGN PATENT OF FOREIGN PUBLISHED APPLICATION (Continued)

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
a.g.		EP 298 367 A2	01/11/89	European	—	—		
		WO 91/19456	12/26/91	PCT	—	—		
		JP 4-70516 A	03/05/92	Japan	—	—		
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		GB 2 261 290 A	05/12/93	Great Britain	—	—		
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		WO 96/16688	06/06/96	PCT	—	—		
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		WO 98/12965	04/02/98	PCT	—	—		
a.g.		WO 98/25662	06/18/98	PCT	—	—		
		WO 98/33433	08/06/98	PCT	—	—		

OTHER DOCUMENTS

	Derwent: Flowmeter for fluids-has turbine transducer and volumetric sensor for simultaneous calibration
a.g.	Mark Kantrowitz, Erik Horskotte and Cliff Joslyn; "Answers to Frequently Asked Questions about Fuzzy Logic and Fuzzy Expert Systems" Version 1.24 last Modified 20 2 96
EXAMINER:	<div> <div> <i>Barbara J. Lee</i> </div> <div>DATE CONSIDERED 8/28/06</div> </div>
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 24

Complete if Known

Application Number	10/801,259
Filing Date	March 15, 2004
First Named Inventor	BERTHON-JONES, Micha
Art Unit	3743
Examiner Name	LEWIS, Kim M A. J.
Attorney Docket Number	3869/013 US6

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
a.j.l.		US- 950,816	03-01-1910	Eriksson et al.	
		US- 2,904,033	09-15-1959	Shane	
		US- 3,099,985	08-06-1963	Wilson et al	
		US- 3,191,596	06/1965	Bird et al	
		US- 3,267,935	08/1966	Andreasen et al.	
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		US- 3,669,108	06/1972	Sundblom et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
a.j.l.		AU A-33877/93	04/1993			
		AU A-38508/93	07/1993			
		AU A-48748/93	09/1993			
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a.j.l.		AU B 79174/94	06/1995			
		AU A-34471/95	02/1996			

Examiner
SignatureDate
Considered

8/28/06

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Application Number	10/801,259
Filing Date	March 15, 2004
First Named Inventor	BERTHON-JONES, Micha
Art Unit	3743
Examiner Name	LEWIS, Kim M. A.J.
Attorney Docket Number	3869/013 US6

Sheet 2 of 24**U. S. PATENT DOCUMENTS**

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		Number-Kind Code ² (if known)			
A.J.L.		US- 3,859,995	01/1975	Colston	
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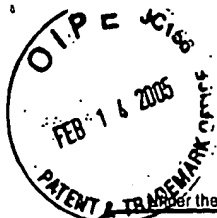
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
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Examiner
Signature*Barry D. Lam*Date
Considered*8/28/06*

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 24

Complete if Known

Application Number	10/801,259
Filing Date	March 15, 2004
First Named Inventor	BERTHON-JONES, Micha
Art Unit	3743
Examiner Name	LEWIS, Kim M A.J.
Attorney Docket Number	3869/013 US6

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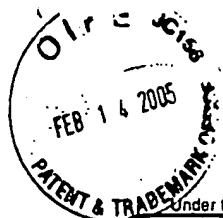
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A.J.L		AU A-39130/95	06/1996			
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Examiner Signature	<i>Caron J. Lem</i>	Date Considered	8/28/06
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/801,259
Filing Date	March 15, 2004
First Named Inventor	BERTHON-JONES, Micha
Art Unit	3743
Examiner Name	LEWIS, Kim M. A.J.
Attorney Docket Number	3869/013 US6

Sheet 4 of 24

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
a.j.s.		US- 4,421,113	12/1983	Gedeon et al	
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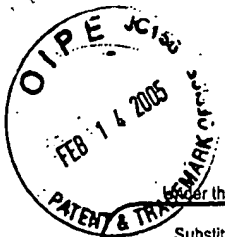
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		Country Code ³ Number * Kind Code ⁴ (if known)				
a.j.s.		DE 296 12 119 U1	12/1996			
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		EP B1 0 088 761	09/1983			
		EP 93503	11/1983			

Examiner Signature	<i>Karen D. Lam</i>	Date Considered	8/28/06
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Sheet 5 of 24

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		US- 4,559,940	12/1985	McGinnis	
		US- 4,567,888	02/1986	Robert et al	
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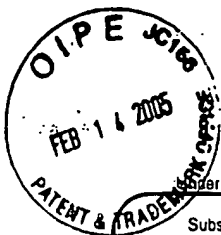
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
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a.j.l.		EP 0 872 643 A2	03/1988			

Examiner Signature	Haroon J. Lew	Date Considered	8/28/06
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		Number-Kind Code ² (if known)			
a.j.s.		US- 4,648,396	03/1987	Raemer	
		US- 4,648,407	03/1987	Sackner	
		US- 4,655,213	04/1987	Rapoport et al	
		US- 4,660,555	04/1987	Payton	
		US- 4,667,669	05/1987	Pasternack	
		US- 4,677,975	07/1987	Edgar et al	
		US- 4,686,974	08/1987	Sato et al	
		US- 4,686,975	08/1987	Naimon et al	
		US- 4,686,999	08/1987	Snyder et al	
		US- 4,738,266	04/1988	Thatcher	
		US- 4,747,403	05/1988	Gluck et al	
		US- 4,766,894	08/1988	Legrand et al	
		US- 4,773,411	09/1988	Downs	
		US- 4,776,333	10/1988	Miyamae	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
a.j.s.		EP 274996	07/1988			
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		EP 347015 B1	12/1989			
		EP 0 453 001 A2	03/1990			
a.j.s.		EP 0 388 525 A1	09/1990			

Examiner Signature	<i>Daren J. Lee</i>	Date Considered	8/28/06
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Substitute for form 1449/PTO <h2 style="text-align: center; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; font-size: small;">(Use as many sheets as necessary)</p>	<h3 style="text-align: center; margin: 0;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/801,259</td> </tr> <tr> <td>Filing Date</td> <td>March 15, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>BERTHON-JONES, Micha</td> </tr> <tr> <td>Art Unit</td> <td>3743</td> </tr> <tr> <td>Examiner Name</td> <td>LEWIS, Kim M A.S.</td> </tr> <tr> <td>Attorney Docket Number</td> <td>3869/013 US6</td> </tr> </table>	Application Number	10/801,259	Filing Date	March 15, 2004	First Named Inventor	BERTHON-JONES, Micha	Art Unit	3743	Examiner Name	LEWIS, Kim M A.S.	Attorney Docket Number	3869/013 US6
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Filing Date	March 15, 2004												
First Named Inventor	BERTHON-JONES, Micha												
Art Unit	3743												
Examiner Name	LEWIS, Kim M A.S.												
Attorney Docket Number	3869/013 US6												
Sheet <u>7</u> of <u>24</u>													

U. S. PATENT DOCUMENTS					
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a.j.l.		US- 4,819,629	04/1989	Jonson	
		US- 4,823,787	04/1989	Adahan	
		US- 4,823,788	04/1989	Smith et al	
		US- 4,825,802	05/1989	Le Bec	
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		US- 4,838,257	06/1989	Hatch	
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		US- 4,844,085	07/1989	Gattinoni	
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		US- 4,913,401	04/1990	Handke	
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		US- 4,938,212	07/1990	Gnook et al	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document <small>Country Code³ Number⁴ Kind Code⁵ (if known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
a.j.l.		EP 0 461 281 A1	12/1991		
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		EP 549 299 A2	06/1993		
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		EP 0651 971 A	05/1995		

Examiner Signature <i>Aaron D. Lam</i>	Date Considered <i>8/28/06</i>
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Application Number	10/801,259
Filing Date	March 15, 2004
First Named Inventor	BERTHON-JONES, Micha
Art Unit	3743
Examiner Name	LEWIS, Kim M. A.J.
Attorney Docket Number	3869/013 US6

Sheet 8 of 24

U. S. PATENT DOCUMENTS

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A.J.L.		US- 4,941,469	07/1990	Adahan	
		US- 4,944,310	07/1990	Sullivan	
		US- 4,957,107	09/1990	Sipin	
		US- 4,960,118	10/1990	Pennock	
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Signature

Karen D. Lem

Date
Considered

8/28/06

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Sheet <u>9</u> of <u>24</u>		Application Number <u>10/801,259</u> Filing Date <u>March 15, 2004</u> First Named Inventor <u>BERTHON-JONES, Micha</u> Art Unit <u>3743</u> Examiner Name <u>LEWIS, Kim M A. J.</u> Attorney Docket Number <u>3869/013 US6</u>	

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		FR 2 672 221 A1	08/1992			
		FR 2682042 A1	04/1993			

Examiner Signature		Date Considered	<u>8/28/06</u>
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		GB 1 444 053	07/1976			
		GB 1 583 273	01/1981			
		GB 2054387	02/1981			
		GB 2077444 A	12/1981			

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		US- 5,343,878	09/1994	Scarberry et al	
		US- 5,353,788	10/1994	Miles	
		US- 5,360,008	11/1994	Campbell, Jr	
		US- 5,373,842	12/1994	Olsson et al	
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		US- 5,404,871	04/1995	Goodman et al	
		US- 5,413,111	05/1995	Wilkinson	

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		GB 2 166 871 A	05/1986			
		GB 2 205 167 A	11/1988			
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Examiner
Signature

Aaron J. Lem

Date
Considered

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Application Number	10/801,259
Filing Date	March 15, 2004
First Named Inventor	BERTHON-JONES, Micha
Art Unit	3743
Examiner Name	LEWIS, Kim M A. J.
Attorney Docket Number	3869/013 US6

Sheet 12

of 24

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A.J.L.		US- 5,433,193	07/1995	Sanders et al	
		US- 5,438,980	08/1995	Phillips	
		US- 5,443,061	08/1995	Champaign et al	
		US- 5,443,075	08/1995	Holscher	
		US- 5,448,996	09/1995	Belin et al	
		US- 5,448,996	09/1995	Axe et al	
		US- 5,479,920	01/02/1996	Piper, Samuel et al	
		US- 5,479,939	01/1996	Ogino	
		US- 5,483,969	01/1996	Testerman et al	
		US- 5,490,502	02/1996	Rapoport et al	
		US- 5,492,113	02/1996	Estes et al	
		US- 5,503,146	04/1996	Froehlich et al	
		US- 5,507,282	04/1996	Younes	
		US- 5,509,404	04/1996	Lloyd et al	
		US- 5,509,414	04/1996	Hok	
		US- 5,513,631	05/1996	McWilliams	
		US- 5,517,983	05/1996	Deighan et al	
		US- 5,522,382	06/1996	Sullivan et al	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
A.J.L.		GB 2 254 700 A	10/1992			
		GB 2 261 290 A	05/1993			
		GB 2 271 811 A	04/1994			
		GB 2 294 400 A	05/1996			
A.J.L.		JP 54-104369	08/1979			
		JP 60-212607	10/1985			

Examiner
Signature

Karen J. Lewis

Date
Considered

8/28/06

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 13

of 24

Complete if Known

Application Number	10/801,259
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First Named Inventor	BERTHON-JONES, Micha
Art Unit	3743
Examiner Name	LEWIS, Kim M. A. J.
Attorney Docket Number	3869/013 US6

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		Number-Kind Code ² (if known)			
A. J. L.		US- RE35,295 E	07/1996	Estes et al	
		US- 5,535,738	07/1996	Estes et al	
		US- 5,535,739	07/1996	Rapoport et al	
		US- 5,537,997	07/1996	Mechlenburg et al	
		US- 5,540,219	07/1996	Mechlenburg et al	
		US- 5,540,220	07/1996	Gropper et al	
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		US- 5,546,934	08/1996	Kaigler et al	
		US- 5,546,952	08/1996	Erickson	
		US- 5,549,106	08/1996	Gruenke et al	
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		US- 5,551,418	09/1996	Estes et al	
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		US- RE35,339	10/1996	Rapoport	
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		US- 5,570,682	11/1996	Johnson	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
A. J. L.		JP 62-103297	04/1987			
		JP 2-173397	12/1988			
		JP 4-70516	03/1992			
		JP 06249741A	09/1994			
		JP 6-249742A	09/1994			
A. J. L.		JP 07280609 A	10/1995			

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Aaron J. Lewis

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STATEMENT BY APPLICANT**

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Application Number	10/801,259
Filing Date	March 15, 2004
First Named Inventor	BERTHON-JONES, Micha
Art Unit	3743
Examiner Name	LEWIS, Kim M. A. J.
Attorney Docket Number	3869/013 US6

Sheet 14 of 24

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A.J.R.		US- 5,588,439	12/1996	Hollub	
		US- 5,598,838	02/1997	Servidio et al	
		US- 5,603,315	02/1997	Sasso, Jr	
		US- 5,605,151	02/1997	Lynn	
		US- 5,608,647	03/1997	Rubsamen et al	
		US- 5,617,846	04/1997	Graetz et al	
		US- 5,630,411	05/1997	Holscher	
		US- 5,632,269	05/1997	Zdrojowski	
		US- 5,633,552	05/1997	Lee et al	
		US- 5,642,730	07/1997	Baran	
		US- 5,645,053	07/1997	Remmers et al	
		US- 5,645,054	07/1997	Cotner et al	
		US- 5,647,351	07/1997	Wesimann et al	
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		US- 5,655,522	08/1997	Mechlenburg et al	
		US- 5,660,171	08/1997	Kimm et al	
		US- 5,666,946	09/1997	Langenback	
		US- 5,682,878	11/1997	Ogden	
		US- 5,685,296	11/1997	Zdrojowski et al	

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A.J.R.		JP 8019610 A	01/1996			
		SE 1710064 A1	02/1992			
		SE 467041 B	05/1992			
		WO 82/03326	10/1992			
		WO 82/03548	10/1982			
		WO 86/05965	10/1986			

Examiner
Signature

Aaron J. Lewis

Date
Considered

8/28/06

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Sheet 15

of 24

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Application Number	10/801,259
Filing Date	March 15, 2004
First Named Inventor	BERTHON-JONES, Micha
Art Unit	3743
Examiner Name	LEWIS, Kim M A. J.
Attorney Docket Number	3869/013 US6

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		Number-Kind Code ² (if known)			
AJS		US- 5,694,923	12/1997	Hete et al	
		US- 5,701,883	12/1997	Hete et al	
		US- 5,704,345	01/1998	Berthon-Jones	
		US- 5,715,812	02/1998	Deighan et al	
		US- 5,730,121	03/1998	Hawkins	
		US- 5,740,795	04/1998	Brydon	
		US- 5,752,509	05/1998	Lachmann et al	
		US- 5,794,615	08/1998	Estes	
		US- 5,797,852	08/1998	Karakasoglu et al	
		US- 5,799,652	09/1998	Kotliar	
		US- 5,803,066	09/1998	Rapoport et al	
		US- 5,813,399	09/1998	Isaza et al	
		US- 5,823,187	10/1998	Estes et al	
		US- 5,845,636	12/1998	Gruenke et al	
		US- 5,865,174	02/1999	Kloeppel	
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		US- 6,026,660	02/2000	Calluad et al	
		US-			
		US-			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
AJS		WO 86/06969	12/1986			
		WO 87/02577	05/1987			
		WO 88/10108	12/1988			
		WO 89/05669	06/1989			
		WO 89/09565	10/1989			
		WO 89/10768	11/1989			

Examiner
Signature

Garrett J. Lewis

Date
Considered

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		Application Number	10/801,259
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		First Named Inventor	BERTHON-JONES, Micha
		Art Unit	3743
		Examiner Name	LEWIS, Kim M A.S.
Sheet 16	of 24	Attorney Docket Number 3869/013 US6	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
A.S.		New! Breas PV 100 CPAP First Class Quality and Function. At the right Price; Jul. 4, 1998, pp. 1-2.	
		PV 101 Bi Level CPAP and PV 102 Bi-Level Time; pp. 1-3.	
		Prodigy Medical Supplies Co. Ltd.; CPAP.	
		Puritan Bennett; Companion 318 Nasal CPAP System; 5/93.	
		Nellcor Puritan Bennett; Announcing the Goodnight 314 and GoodKnight 318 Nasal CPAP Systems.	
		Puritan Bennett; Clean, Quiet, and Comfortable . . . The Companion's 515 Nasal CPAP System; 6/88	
		DeVilbiss Night Guard Nasal CPAP for the Treatment of Obstructive Sleep Apnea.	
		Sunrise; DeVilbiss Horizon LT 8001 Nasal CPAP Therapy Small in Size, big features.	
		Devilbiss; Revitalizer Soft Start; The Facts Speak for Themselves.	
A.S.		Tranquility; Performance CPAP Advantage.	

Examiner Signature	<i>Quarrel & Lem</i>	Date Considered	8/28/06
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	Art Unit		3743
	Examiner Name		LEWIS, Kim M A.J.
Sheet	17	of	24
Attorney Docket Number			3869/013 US6

NON PATENT LITERATURE DOCUMENTS

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A.J.L.		Healthdyne International; Tranquility Plus.	
		Respironics Inc.; Respironics' Solo CPAP System Provides Simplified OSA Therapy at an Outstanding value; Sep. 19, 1996.	
		Respironics Inc.; The First Family of OSA Therapy; 1991.	
		Fisher & Paykel Healthcare; HC200 Series Nasal CPAP Blower & Heated Humidifier.	
		Pierre Medical; Morphee Plus appareil de traitement des apnees du sommeil manuel d'utilisation.	
		Weinmann; Hamburg; Somnotron nCPAP-Great WM 2300	
		Puritan Bennett; 515a Part of Our Blueprint for the Future; 03/90.	
		Puritan Bennett; Companion 320 I/E Bi-Level Respiratory System; 4/93.	
		ResMed; Sullivan VPAP II & II ST.	
A.J.L.		ResMed; The Sullivan V Family of CPAP Systems.	

Examiner Signature	<i>Aaron J. Lam</i>	Date Considered	8/28/06
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Sheet 18	of 24	Attorney Docket Number 3869/013 US6	

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A.J.L.		ResMed; The Autoset Portable II.	
		ResMed; Sullivan Nasal CPAP System.	
		ResMed; The Sullivan IIID.	
		ResMed; The Sullivan Comfort.	
		DeVilbiss a Division of Sunrise Medical; Expand your Horizons With The Horizons.	
		Healthdyne Technologies; Home Health Care Dealer; The Journal of Home Medical Equipment and Services/Supplier; Nov. and Dec. 1997.	
		Healthdyne International; Tranquility Quest, The Compact CPAP for Greater patient comfort	
		AirStep; Medical Products . . . Stand the Test of Time.	
		MAP Medical Progress for Physician und Patient: The Gentle Therapy for Sleep-Related Breathing Disorders. Taema; Ventilation CP 90.	
A.J.L.		DPAP; Breath, by breath, by breath.	

Examiner Signature	<i>Aaron J. Lewis</i>	Date Considered	8/28/06
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Sheet 19	of 24	Attorney Docket Number	3869/013 US6

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A.J.L.		Lifecare; Smallest. Quietest. Smartest.	
		Lifecare; Quiet CPAP System for Maximum Compliance; 1991.	
		Lifecare: Software Nasal Mask, Custom Nasal Masks; 1991.	
		Nidek Medical; Silenzio.	
		Weinmann; Just to Fell Well, Sensitive Sleep Apnoea Therapy with Somnotron 3 and Somno-Mask System.	
		Respironics Inc.; Aria CPAP System.	
		Respironics Inc.; SleepEasy III A New Dawn in Patient Compliance.	
		Respironics Inc.; Multiple Choice REMstar Choice Nasal CPAP System.	
		MaxII nCPAP and Moritz II Bi-Level Brochure.	
A.J.L.		Derwent: Flowmeter for fluids-has turbine transducer and volumetric sensor for simultaneous calibration.	

Examiner Signature	<i>Baron J. Lem</i>	Date Considered	8/28/06
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/801,259		
		Filing Date	March 15, 2004		
		First Named Inventor	BERTHON-JONES, Micha		
		Art Unit	3743		
		Examiner Name	LEWIS, Kim M. A.J.		
Sheet	20	of	24	Attorney Docket Number	3869/013 US6

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
adl		Mark Kantrowitz, Erik Horskotte and Cliff Joslyn; "Answers to Frequently Asked Questions about Fuzzy Logic and Fuzzy Expert Systems" Version 1.24 last Modified 20 2 96.	

Examiner Signature	<i>Aaron J. Lam</i>	Date Considered	8/28/06
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(Use as many sheets as necessary)

Application Number	10/801,259
Filing Date	March 15, 2004
First Named Inventor	BERTHON-JONES, Michael
Art Unit	3743
Examiner Name	LEWIS, Kim M. A.S.
Attorney Docket Number	3869/013 US6

Sheet	21	of	24
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		
AJS		WO 90/09146	08/1990		
		WO 90/14121	11/1990		
		WO 91/12051	08/1991		
		WO 91/19456	12/1991		
		WO 92/11054	07/1992		
		WO 92/15353	09/1992		

8/28/06

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 3869/013 US6	SERIAL NO. 10/801,259 Filing Date 03/15/2004
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	First Named Inventor BERTHON-JONES, Michael	
	Examiner Name LEWIS, Kim M A.J.	Art Unit 3743

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
A.J.		WO 92/22244	12/1992		—	—		
		WO 93/08857	05/1993		—	—		
		WO 93/09834	05/1993		—	—		
		WO 93/21982	11/1993		—	—		
		WO 93/24169	12/1993		—	—		
		WO 94/04071	03/1994		—	—		
		WO 94/16759	08/1994		—	—		
		WO 94/20018	09/1994		—	—		
		WO 94/22517	10/1994		—	—		
		WO 94/23780	10/1994		—	—		
		WO 95/32016	11/1995		—	—		
		WO 96/16688	06/1996		—	—		
		WO 96/32055	10/1996		—	—		
		WO 96/36279	11/1996		—	—		
		WO 96/39216	12/1996		—	—		
		WO 96/40336	12/1996		—	—		
		WO 96/40337	12/1996		—	—		
		WO 96/40338	12/1996		—	—		
		WO 96/41571	12/1996		—	—		
		WO 97/02064	01/1997		—	—		

EXAMINER

Karen J. Lee

DATE CONSIDERED

8/28/06

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Examiner Initials*	Cite No.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
A.J.		WO 97/05824	02/1997		—	—		
		WO 97/06884	02/1997		—	—		
		WO 97/09090	03/1997		—	—		
		WO 97/10019	03/1997		—	—		
		WO 97/10868	03/1997		—	—		
		WO 97/14354	04/1997		—	—		
		0 774 269 A1	05/1997		—	—		
		WO 97/15343	05/1997		—	—		
		WO 97/18752	05/1997		—	—		
		WO 97/20499	06/1997		—	—		
		WO 97/22377	06/1997		—	—		
		WO 97/28838	08/1997		—	—		
		WO 97/41812	11/1997		—	—		
		WO 98/06449	02/1998		—	—		
		WO 98/25662	06/1998		—	—		
		WO 98/33433	08/1998		—	—		
		WO 98/35715	08/1998		—	—		
		WO 98/36245	08/1998		—	—		
A.J.		WO 98/36338	08/1998		—	—		
		WO 98/47554	10/1998		—	—		

EXAMINER Aaron J. Lewis	DATE CONSIDERED 8/28/06
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